SONY
make.believe

DSC-HX1

9.1 MP | 20x OPTICAL ZOOM | 3.0" Tilt LCD[1]

Sony's Cyber-shot DSC-HX1 offers an incredibly high optical zoom at 20x (28mm equivalent) wide Sony G Lens. The DSC-HX1 offers supreme performance for the most demanding users with up to 10fps, Sweep Panorama for impressive panoramic images of up to 224-degrees and 1080-line HD Movie[9]. With its 3.0" titling LCD[1] screen users will harness all of these features in even the most challenging of physical spaces so they never miss the best shot.

Take clearer photos with less grain in low-light conditions

The DSC-HX1 features a 9.1 megapixel "Exmor R" CMOS image sensor. This advanced technology leverages the full resolving power of the camera's precision G-Lens, plus gives the camera stunning low-light sensitivity for capturing extraordinarily clear images with drastically reduced grain. You can output stunning, photo-quality prints up to 13"x19" (A3+ size), or crop your shots and still enjoy high-resolution images.

Get in close, closer, closest

The 20x optical zoom (28mm equivalent) extends your reach to bring you closer to the action, perfect for sporting events, wildlife, distant landscape views and dramatic portrait shots.

Be sure to catch all those once-in-a lifetime moments

The DSC-HX1 can capture up to ten full 9.1 megapixel resolution images per second. So now you can be sure to capture the bat hitting the game-winning homerun, the lead runner crossing the finish line, and other decisive moments. The camera also uses a mechanical shutter to help reduce distortion when continuously shooting moving subjects, with minimal blur.

MP4 for PC: 1080p

MP4 is ideal for enjoying and sharing HD movies on your PC, Mac® or the Internet. Depending upon the camera model, you can record video up to 1440x1080 or at 30fps. A MP4 HD file is a compressed single file format, perfect for uploading to computers and Web sharing sites like YouTube™. (Compatible computer with Internet compatibility required.)

Capture breathtaking panoramic shots

Sweep Panorama mode lets you go far beyond the capabilities of traditional wide-angle lenses to capture stunningly expansive shots. Simply press the shutter button and sweep the camera horizontally or vertically over your desired scene. The camera shoots continuously at a high speed, automatically adjusts the position of each image, then seamlessly stitches up to 100 pictures together into one panoramic photo. Available in wide and ultra-wide options, this feature lets you take panoramic shots up to an amazing 224 degrees.

Take sharper night shots without a tripod

The Hand-held Twilight Mode captures six images in a fraction of a second with one press of the shutter, combining the data from all six to create a single image of extraordinary detail and low noise.

Capture clearer photos of moving subjects

The Anti Motion Blur Mode takes six images in a fraction of a second using a higher shutter speed. The camera then combines the data from all six images to create a single photo of extraordinary detail with minimal blur.

Additional features:

- High sensitivity ISO 3200
- Simple folder, calendar viewing or event viewing
- Function Guide helps explain menus and settings
- Card slot for optional Memory Stick Duo™ media
- Includes PMB (Picture Motion Browser)[2] Software

Sony Electronics Inc. | 16530 Via Esprillo | San Diego, CA 92127 | 1.800.222.7669 | www.sony.com

Specifications

General	
Camera Type	High Zoom Performance Camera
Image Device	1/2.4"(7.59mm) Exmor™ CMOS
Effective Pixels Resolution	9.1MP
Processor	BIONZ®
Optics & Lens	
Lens Type	G Lens
Lens Construction	13 elements in 10 groups (including 1ED glass element and 1aspheric element)
Aperture Range	Auto(F2.8-F8.0) / Program Auto(F2.8-F8.0) / Manual(F2.8-F8.0)
Focal Length	5.0-100.0mm
35mm Equivalency	Still shots: 28-560mm / Movie 16:9: 31- 620mm / Movie 4:3:38-760
Optical Zoom	20x
Digital Zoom	Smart Zoom / Precision Digital Zoom / Off
Total Zoom	Approximately 40x with Precision Digital Zoom
LCD & Viewfinder	
LCD Type	3.0" Clear Photo LCD Plus™ Tiltable display[1](230K)
Viewfinder	Electronic
Recording	
Media Slot	MS PRO Duo™ media
Still Images	9M (3,456 x 2,592) / 5M (2,592 x 1,944) / 3M (2,048 x 1,536) / VGA (640 x 480); 3:2 / 8M(3,456 x 2,304); 16:9 6M(3,456 x 1,944) / 2M(1,920 x1,080); Panorama 7,152 x 1,080(224deg) / 4,912 x 1,080(154deg) / 4,912 x 1,920(154deg) / 3,424 x 1,920(107deg)
Video	1440 x 1080(29.97fps, Progressive) (Approx.12/7Mbps) /1280 x 720(29.97fps, Progressive) (Approx.6Mbps) / VGA (640 x 480, 29.97fps, Progressive) (Approx.3Mbps)
Microphone / Speaker	Stereo / Mono
Focus	
Focus	9 points AF / Center Weighted AF / Flexible Spot AF/ Semi Manual / Manual
Intelligent Auto Focus	Yes
Macro Mode	W:Approx.1cm(0.39") to Infinity, T:Approx.150cm(59.1") to Infinity
Exposure	
Exposure Metering	Multi Pattern / Center Weighted / Spot
Exposure Compensation	Plus / Minus 2.0EV, 1 / 3EV step
ISO	Auto / 125 / 200 / 400 / 800 / 1600 / 3200
Backlight Correction HDR	-
Dynamic Range Optimizer	Standard / Off / Plus
White Balance	Auto / Daylight / Cloudy / Fluorescent 1 (White Fluorescent Lighting) / Fluorescent 2 (Natural White Fluorescent Lighting) / Fluorescent 3 (Day White Fluorescent Lighting) / Incandescent / Flash / One Push
Shutter	
Shutter Speed	iAUTO(2" - 1/4,000) / Program Auto(1" - 1/4,000) / Shutter Priority(30" - 1/4000) / Aperture Priority (8" - 1/2000) / Manual(30" - 1/4000)
Burst Mode	Normal / Hi-Speed Burst(High/Mid/Low) (Approx. 10fps at 9.1MP (Maximum 10 shots)) / Bracketing
Flash	
Flash Type	Pop Up
Flash Effective Range	ISO Auto: Approx.0.3-Approx.9.2m(Approx.0.98'-Approx.30.2')(W) / Approx.1.5-Approx. 5.1m(Approx.4.92'-Approx.16.7')(T), ISO3200: up to Approx.16m(Approx.52.5')(W) / Approx.10m(Approx.32.8')(T)
Flash Mode	Auto / On / Slow Syncro / Off

Features	
Scene Modes	High Sensitivity / Twilight / Twilight Portrait / Soft Snap / Landscape / Beach / Snow / Fireworks / Advanced Sports / Gourmet
Image Stabilization	Optical SteadyShot™ image stabilization
GPS	-
Panorama	Sweep Panorama (Horizontal / Veritcal up to 224-degrees)
Multi-shot layering	Handheld Twilight / Anti-Motion Blur
Intelligent Auto	Yes
Intelligent Scene Recognition	8 scenes
Face Detection	8 faces (Auto / Off / Child Priority / Adult Priority)
Motion Detection	Yes
Blink Detection	Yes
Smile Shutter™ Technology	Yes
Self-timer	Off / 10sec. / 2sec.
In-Camera Editing	Trimming / Red Eye Correction / Soft Focus / Partial Color / Fisheye Lens / Cross Filter / Retro / Radical Blur / Unsharp Masking / Happy Faces
TransferJet™ Technology	-
Inputs & Outputs	
USB	Yes - USB2.0 Hi-Speed
HD Video	HDMI / Component(1080i)
SD Video	Yes
Power	
Supplied Battery	InfoLithium NP-FH50 6.8V
Battery Life (Approx.)	195
Number of Images (Approx.)	390
Weights & Measurements	
Dimensions (Approx.)	4 5/8" x 3 3/8" x 3 5/8" (114.5mm x 82.8mm x 91.8mm)
Weights (Approx.)	Approx. 16.0oz. (453g); Approx. 1.1lbs. (504g) - With battery and Memory Stick PRO Duo media.
Software	
Supplied Software	Picture Motion Browser Ver 4.2.11(for Windows), Music Transfer
Operating System Requirements	Microsoft Windows XP SP3, Windows Vista SP1, Macintosh OS X(v10.3 - 10.5)
Service & Warranty	
Limited Term Warranty	Limited 1 Year Parts & Labor
Supplied Accessories	
Battery	InfoLITHIUM® NP-BG1
Battery Charger	BC-CSN
A/V Cable	-
USB Cable	-
Multi-Connector Cable (A/V / USB)	-
Shoulder Strap	-
Wrist Strap	Yes
Lens Cap Tether	-
Paint Pen	-
CD ROM	Yes

Footnotes

1. Viewable area measured diagonally
2. PMB requires Microsoft® Windows® XP SP3/ Windows Vista® SP2/Windows 7. Picture Motion Browser software not supported by Mac OS. Movie format is compatible with iMovie® '09 or later versions.
7. Compatible BRAVIA® HDTV, and HDMI™ or component cable (sold separately) required for PhotoTV HD viewing. Specifications for BRAVIA HDTV shown vary according to market region.
9. HD Movie mode records up to 1280x720p, at 30 fps, and 9Mbps.

3.0" LCD[1]

© 2010 Sony Electronics Inc. All rights reserved. Reproduction in whole or in part without written permission is prohibited. Sony, Cyber-shot, Optical SteadyShot, BIONZ, Xtra Fine LCD, Clear Photo, Clear Photo LCD Plus, SteadyShot, Memory Stick PRO-HG, InfoLITHIUM, Party-Shot, AVCHD, Exmor, TruBlack, TransferJet, Exmor R, Smile Shutter, DVDirect, BRAVIA, Memory Stick PRO Duo, Memory Stick Duo and the Memory Stick logo are trademarks of Sony. PlayStation is a trademark of Sony Computer Entertainment. Microsoft, Windows, and Windows Vista are trademarks of Microsoft Corporation. Mac OS and Macintosh are trademarks of Apple Computers, Inc. Blu-ray Disc is a trademark. HDMI is a trademark of HDMI Licensing LLC. All other trademarks are trademarks of their respective owners. Features, specifications, availability, prices and terms of offers are subject to change without notice. Non-metric weights and measurements are approximate and may vary